

Habitat Project Proposal

Proposal Title: Toliver's Creek Bullhog

Proposal Number: 1084

DWR Region: Northeastern Region

Lead Agency: DWR

County: Daggett

Project Manager: Tory Mathis

PM Phone: 4357816733

Regional Priority: Within Focus Area

Project Type: Terrestrial Habitat

Proposed Start Date: 07/01/2008

Project Location: Near Toliver's creek in Brown's Park

Project Description: Improve 250 acres of crucial elk, mule deer, and bighorn sheep habitat by removing pinyon and juniper trees with a large bullhog machine

Description of Problem/Need: Old chainings in the Brown's Park area are being taken over by re-sprouting pinyon and juniper trees. This re-growth has decreased the amount of available forage and if left untreated will continue to decrease the value of these areas as winter range. Currently these areas are crucial winter range for elk and mule deer, and crucial year-round habitat for bighorn sheep. Portions of the project lie in crucial sage grouse brood-rearing habitat.

Objectives: Increase the amount of available forage by reducing competition from pinyon and juniper tree, and through seeding of desired species.

Relevance to Strategic Plans: The WAP identifies mule deer and bighorn sheep as Tier III species, and sage grouse as a Tier II species. The WAP also identifies the shrubsteppe habitat type as a key habitat for several species of concern. This project is consistent with DWR management plans for mule deer, elk, and sage grouse.

Potential Risks: None anticipated

Proposed Methods: The area will be aerially seeded with grasses and forbs before bullhog operations begin. Pinyon and Juniper trees will be removed using a rubber-tired bullhog machine, with mulch being left on-site. Sagebrush seed will be applied after trees are removed.

Shapefile Name: Tolivers Creek.shp

Seed Source:

UPCD Reg Team Coord Date: 01/29/2008

Proposed NEPA Action:

Proposed Arch Action:

☒ **Vegetation Monitoring** ☐ **Wildlife Monitoring**

Monitoring Details: A range-trend study site will be established in the project area. Baseline data will be collected prior to any habitat work. Repeat photopoints will also be established to document changes in vegetation.

Cons. Outreach Details:

SPECIES BENEFITING

Elk	Mule Deer	Bighorn Sheep	Greater Sage-grouse
Shrubsteppe Birds	Domestic Livestock		

LAND OWNERSHIP

Owner	Acres
BLM	222
SITLA	28
Total	250

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PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
DNR Watershed (FY09)	\$70,125.00		\$0.00
Habitat Acct 174	\$20,000.00		\$0.00
Totals	\$90,125.00		\$0.00

PROPOSED BUDGET

Item	Description	DWR Account	In Kind/ Partner Contrib.
Contractual Services	Bullhog contract @ \$275/acre	\$68,750.00	\$0.00
Seed (GBRC)	\$70 / acre - 250 acres	\$17,500.00	\$0.00
Contractual Services	aerial seed application	\$1,875.00	\$0.00
Motor Pool	vehicle mileage	\$1,000.00	\$0.00
Motor Pool	seed transport	\$1,000.00	\$0.00
Totals		\$90,125.00	\$0.00

PROPOSED FUNDING ALLOCATION

Funding Type	Funding Percent
Big Game	100
Total	100.00%

Project Map:



Remaining acres to be selected from this area

BROWNS

Creek

Spitzenberg
Spring

31

2200

2000

1780

36

37

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